



US EPA RECORDS CENTER REGION 5



444936

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February 5, 2002

Mr. Ken Theisen
USEPA/Region V
77 West Jackson Boulevard HSE-5J
Chicago, IL 60604

Subject: PROJECT STATUS REPORT
Sylvan Slough Removal Action Site
Rock Island, Illinois
Delta Project No. A097-130

Dear Mr. Theisen:

Summary of Work Performed During January 2002

- Conducted site visit on January 23, 2002, to evaluate system operation.
- Contacted the system by modem to monitor operation.
- Coordinated additional site visits by Enviromark to collect system operation data.

Gallons of Oil Recovered

The volume of product (1,200 gallons) recovered from mid-July 1997 through January 2002 is shown on the attached graph. As of the January 23 monitoring event, approximately 10 gallons of product had been recovered in 2002.

Monthly Operation Summary, Problems Encountered, and Adjustments

The attached "Skimming Wells" table presents a summary of water levels, product thicknesses, and the status and type of skimming pump installed in the wells for the two most recent monitoring events. Ground water elevations are influenced by the water elevation of the river. Product collection appears to increase during decreasing or stable water elevations.

During the January 2002 visit, product was measured in ten recovery wells. Product thicknesses were generally consistent to the previous monitoring event, with some exceptions. The product thickness in GM24D decreased from 3.11 feet to 0.48 feet. Product was measured in GM28D, GM32, and C2 in January 2002; product was not measurable in these wells in December 2001.

Water/product elevations generally decreased up to 1.35 feet since November 2001. Product recovery rates have continued to decrease during this period due to fluctuations in the water table elevation, causing excess water collection.

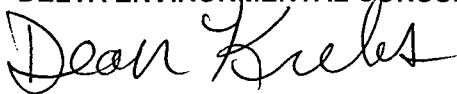
Work Schedule for February 2002

- Continue monthly site visits to collect system operation and ground water monitoring data, adjust skimmer depths as needed, and perform system maintenance.

If you have any questions, please call me at (651) 697-5243 or e-mail me at dkrebs@deltaenv.com.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



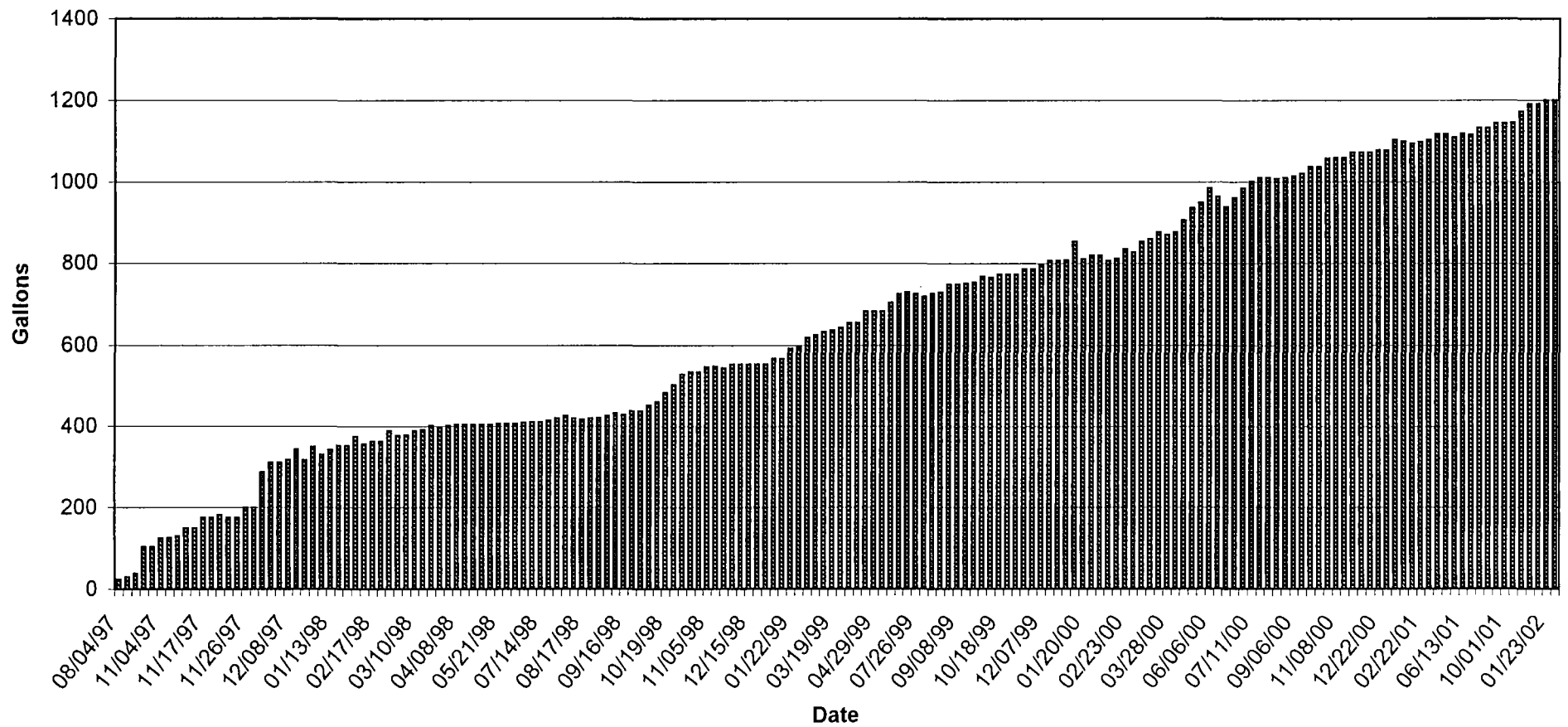
Dean A. Krebs, P.E.
Project Manager

DAK/mjw

Enclosure

cc: Mr. Gregory Jeffries – Burlington Northern Santa Fe
Mr. Jack Shih – Navistar International Transportation Corp.
Mr. Doug Wilson – Maytag Corporation

**Cumulative Product Recovery Since mid-July 1997
Sylvan Slough Removal Action Site, Rock Island, Illinois**



SKIMMING WELLS

12/19/2001

1/23/2002

Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)	Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)
GM22D	EB	23.01	22.27	0.74	548.77	7.57	GM22D	EB	23.35	23.25	0.10	547.87	6.67
GM23D		22.80		0.00	548.06	12.04	GM23D		22.91		0.00	547.95	11.93
GM24S	B	20.09	19.89	0.20	550.38	2.18	GM24S	B	20.73	20.30	0.43	549.94	1.75
GM24D	EB	25.06	21.95	3.11	548.97	6.76	GM24D	EB	23.78	23.30	0.48	547.95	5.74
GM25D		22.87		0.00	549.01	6.71	GM25D		24.15		0.00	547.73	5.43
GM28S	EB	18.74	18.42	0.32	552.27	3.39	GM28S		18.76		0.00	551.97	3.09
GM28D		21.85		0.00	548.99	8.10	GM28D		22.77	22.76	0.01	548.08	7.19
GM29S	EB	19.63	18.97	0.66	552.11	2.97	GM29S	EB	19.94	19.18	0.76	551.89	2.74
GM31	EB	22.16	22.13	0.03	549.16	11.11	GM31	EB	23.22		0.00	548.07	10.02
GM32		18.17		0.00	548.74	12.73	GM32		19.00	18.97	0.03	547.94	11.93
RW4		21.83		0.00	549.12	10.92	RW4		22.97		0.00	547.98	9.78
RW5	T	22.06	21.91	0.15	549.12	10.62	RW5	T	22.97	22.93	0.04	548.12	9.61
RW6	T	21.85	21.80	0.05	549.14	9.94	RW6	T	23.01		0.00	547.94	8.74
RW7	T	22.14	21.87	0.27	549.05	11.15	RW7	T	23.47	23.14	0.33	547.77	9.87
C2		19.96		0.00	551.22	1.14	C2	EB	20.50	20.40	0.10	550.77	0.69
C3		15.65		0.00	551.80	4.60	C3		16.20		0.00	551.25	4.05
D1		18.75		0.00	552.31	1.46	D1		19.10		0.00	551.96	1.11
G3		21.80		0.00	549.56	11.26	G3		22.87		0.00	548.49	10.19
I1		18.15		0.00	548.98	12.45	I1		19.05		0.00	548.08	11.55
J2	B	16.86	16.81	0.05	549.67	11.57	J2	B	17.86	17.83	0.03	548.66	10.56



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March 8, 2002

Mr. Ken Theisen
USEPA/Region V
77 West Jackson Boulevard HSE-5J
Chicago, IL 60604

Subject: PROJECT STATUS REPORT
Sylvan Slough Removal Action Site
Rock Island, Illinois
Delta Project No. A097-130

Dear Mr. Theisen:

Summary of Work Performed During February 2002

- Conducted site visit on February 19, 2002, to evaluate system operation.
- Conducted quarterly water level monitoring at available monitoring wells.
- Contacted the system by modem to monitor operation.
- Coordinated additional site visits by Enviromark to collect system operation data.

Gallons of Oil Recovered

The volume of product (1,200 gallons) recovered from mid-July 1997 through February 2002 is shown on the attached graph. As of the February 19 monitoring event, approximately 11 gallons of product had been recovered in 2002.

Monthly Operation Summary, Problems Encountered, and Adjustments

The attached "Skimming Wells" table presents a summary of water levels, product thicknesses, and the status and type of skimming pump installed in the wells for the two most recent monitoring events. Ground water elevations are influenced by the water elevation of the river. Product collection appears to increase during decreasing or stable water elevations.

During the February 2002 visit, product was measurable in ten recovery wells. Product thicknesses and ground water/product elevations were generally consistent to the previous monitoring event.

The extraction system was shut down on February 12 to allow for emptying of the product tank and air compressor maintenance. The system was restarted on February 19.

A Member of:



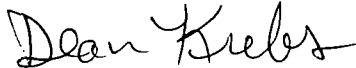
Work Schedule for March 2002

- Continue monthly site visits to collect system operation and ground water monitoring data, adjust skimmer depths as needed, and perform system maintenance.

If you have any questions, please call me at (651) 697-5243 or e-mail me at dkrebs@deltaenv.com.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



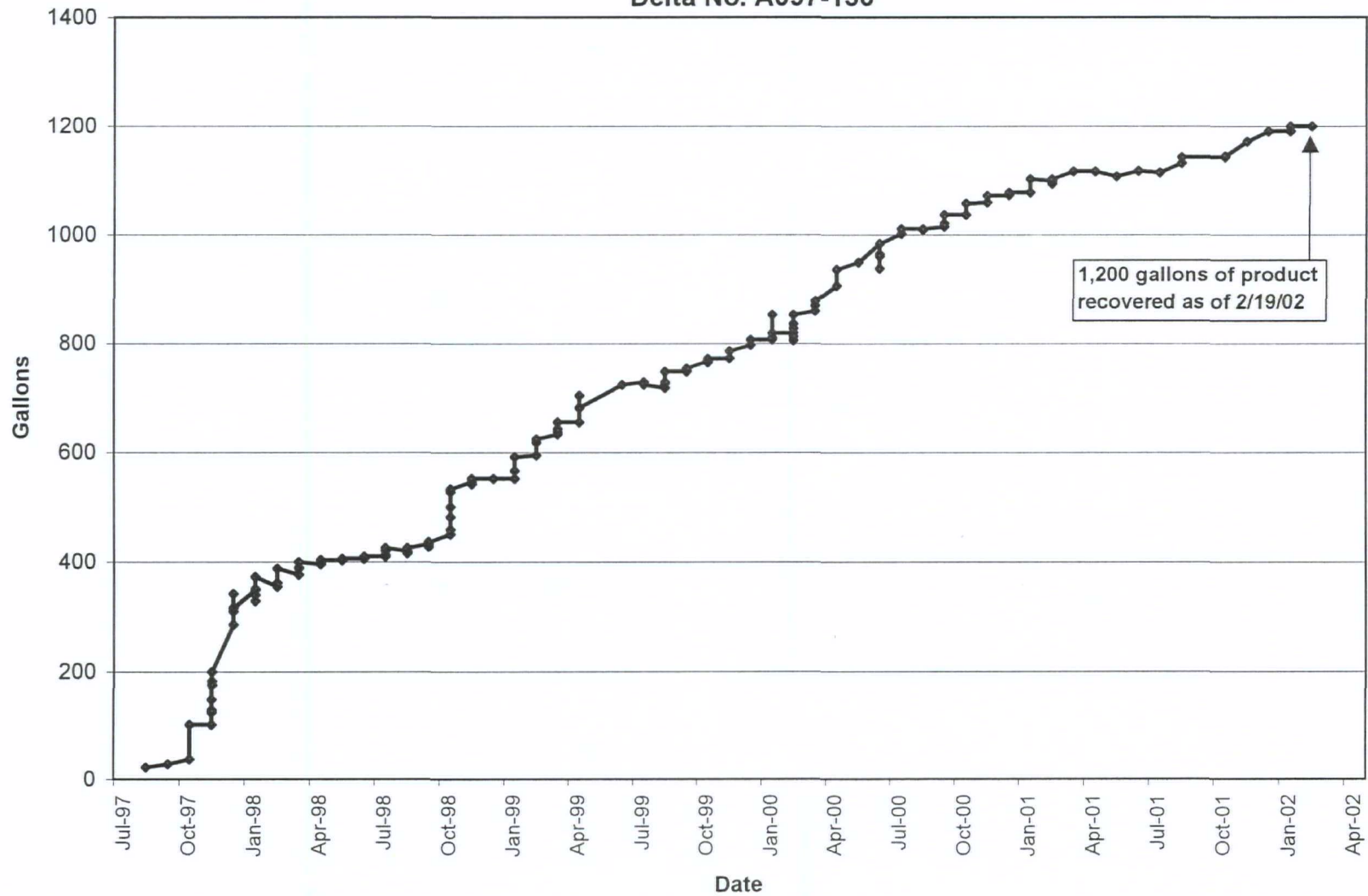
Dean A. Krebs, P.E.
Project Manager

DAK/mjw

Enclosure

cc: Mr. Gregory Jeffries – Burlington Northern Santa Fe
Mr. Jack Shih – Navistar International Transportation Corp.
Mr. Doug Wilson – Maytag Corporation

Cumulative Product Recovery Since mid-July 1997
Sylvan Slough Removal Action Site, Rock Island, Illinois
Delta No. A097-130



PROD_GRAPH(2)

SKIMMING WELLS

1/23/02							2/19/02						
Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)	Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)
GM22D	EB	23.35	23.25	0.10	547.87	6.67	GM22D		23.18		0.00	547.95	6.75
GM23D		22.91		0.00	547.95	11.93	GM23D		22.87		0.00	547.99	11.97
GM24S	B	20.73	20.30	0.43	549.94	1.75	GM24S	B	21.13	20.44	0.69	549.76	1.57
GM24D	EB	23.78	23.30	0.48	547.95	5.74	GM24D	EB	23.93	23.15	0.78	548.06	5.85
GM25D		24.15		0.00	547.73	5.43	GM25D		24.04		0.00	547.84	5.54
GM28S		18.76		0.00	551.97	3.09	GM28S		18.91		0.00	551.82	2.94
GM28D		22.77	22.76	0.01	548.08	7.19	GM28D		22.69	22.68	0.01	548.16	7.27
GM29S	EB	19.94	19.18	0.76	551.89	2.74	GM29S	EB	20.24	19.38	0.86	551.67	2.53
GM31	EB	23.22		0.00	548.07	10.02	GM31		23.11		0.00	548.18	10.13
GM32		19.00	18.97	0.03	547.94	11.93	GM32		18.91	18.90	0.01	548.01	12.00
RW4		22.97		0.00	547.98	9.78	RW4		22.85		0.00	548.10	9.90
RW5	T	22.97	22.93	0.04	548.12	9.61	RW5	T	22.90	22.86	0.04	548.19	9.68
RW6	T	23.01		0.00	547.94	8.74	RW6	T	22.98	22.95	0.03	548.00	8.80
RW7	T	23.47	23.14	0.33	547.77	9.87	RW7	T	23.14	22.93	0.21	547.99	10.09
C2	EB	20.50	20.40	0.10	550.77	0.69	C2	EB	20.75	20.55	0.20	550.61	0.52
C3		16.20		0.00	551.25	4.05	C3		16.44		0.00	551.01	3.81
D1		19.10		0.00	551.96	1.11	D1		19.35		0.00	551.71	0.86
G3		22.87		0.00	548.49	10.19	G3		22.75		0.00	548.61	10.31
I1		19.05		0.00	548.08	11.55	I1		18.95		0.00	548.18	11.65
J2	B	17.86	17.83	0.03	548.66	10.56	J2	B	17.89	17.88	0.01	548.61	10.51



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March 8, 2002

Mr. Ken Theisen
USEPA/Region V
77 West Jackson Boulevard HSE-5J
Chicago, IL 60604

Subject: PROJECT STATUS REPORT
Sylvan Slough Removal Action Site
Rock Island, Illinois
Delta Project No. A097-130

Dear Mr. Theisen:

Summary of Work Performed During March 2002

- Conducted site visit on March 5, 2002, to evaluate system operation.
- Contacted the system by modem to monitor operation.
- Coordinated additional site visits by Enviromark to collect system operation data.

Gallons of Oil Recovered

The volume of product (1,201 gallons) recovered from mid-July 1997 through March 2002 is shown on the attached graph. As of the March 5 monitoring event, approximately 12 gallons of product had been recovered in 2002.

Monthly Operation Summary, Problems Encountered, and Adjustments

The attached "Skimming Wells" table presents a summary of water levels, product thicknesses, and the status and type of skimming pump installed in the wells for the two most recent monitoring events. Ground water elevations are influenced by the water elevation of the river. Product collection appears to increase during decreasing or stable water elevations.

During the March 2002 visit, product was measurable in nine recovery wells. Product thicknesses and ground water/product elevations were generally consistent to the previous monitoring event.

The extraction system was shut down on February 25 due to increases in the river stage. The system was restarted on March 5 after adjusting the pump intake screen depths to intersect the product elevations.

A Member of:



Work Schedule for April 2002

- Continue monthly site visits to collect system operation and ground water monitoring data, adjust skimmer depths as needed, and perform system maintenance.

If you have any questions, please call me at (651) 697-5243 or e-mail me at dkrebs@deltaenv.com.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



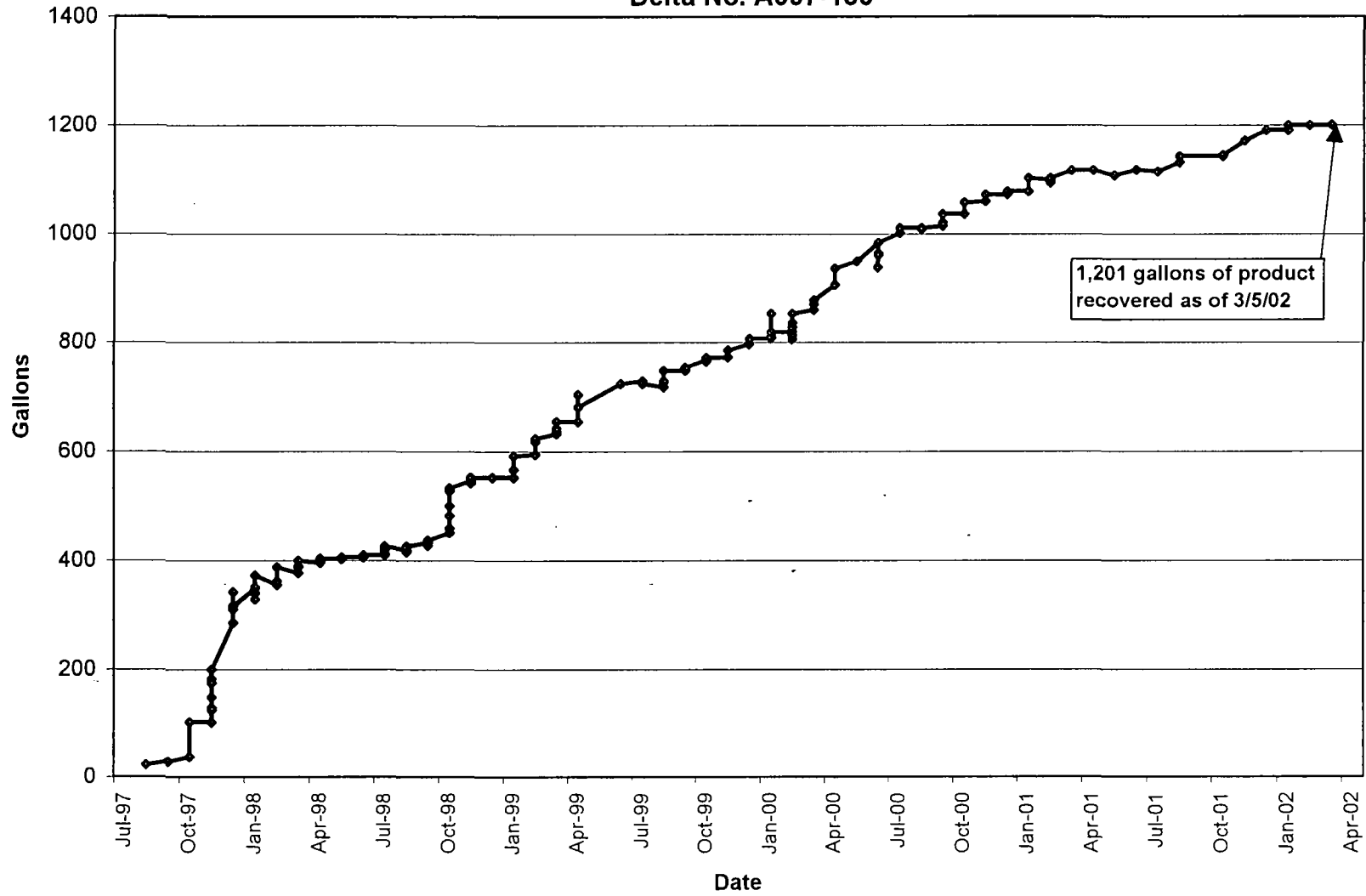
Dean A. Krebs, P.E.
Project Manager

DAK/mjw

Enclosure

cc: Mr. Gregory Jeffries – Burlington Northern Santa Fe
Mr. Jack Shih – Navistar International Transportation Corp.
Mr. Doug Wilson – Maytag Corporation

Cumulative Product Recovery Since mid-July 1997
Sylvan Slough Removal Action Site, Rock Island, Illinois
Delta No. A097-130



PROD_GRAPH(2)

SKIMMING WELLS

2/19/2002

3/5/2002

Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)	Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)
GM22D		23.18		0.00	547.95	6.75	GM22D		23.47		0.00	547.66	6.46
GM23D		22.87		0.00	547.99	11.97	GM23D		22.95		0.00	547.91	11.89
GM24S	B	21.13	20.44	0.69	549.76	1.57	GM24S	B	20.95	20.35	0.60	549.87	1.67
GM24D	EB	23.93	23.15	0.78	548.06	5.85	GM24D	EB	24.15	23.55	0.60	547.69	5.48
GM25D		24.04		0.00	547.84	5.54	GM25D		24.22		0.00	547.66	5.36
GM28S		18.91		0.00	551.82	2.94	GM28S		19.95		0.00	550.78	1.90
GM28D		22.69	22.68	0.01	548.16	7.27	GM28D		22.90		0.00	547.94	7.05
GM29S	EB	20.24	19.38	0.86	551.67	2.53	GM29S	EB	20.18	19.38	0.80	551.68	2.54
GM31		23.11		0.00	548.18	10.13	GM31		23.42		0.00	547.87	9.82
GM32		18.91	18.90	0.01	548.01	12.00	GM32		19.03	19.02	0.01	547.89	11.88
RW4		22.85		0.00	548.10	9.90	RW4		23.19		0.00	547.76	9.56
RW5	T	22.90	22.86	0.04	548.19	9.68	RW5	T	23.07	23.06	0.01	547.99	9.49
RW6	T	22.98	22.95	0.03	548.00	8.80	RW6	T	23.19	23.14	0.05	547.80	8.60
RW7	T	23.14	22.93	0.21	547.99	10.09	RW7	T	23.62	23.47	0.15	547.46	9.56
C2	EB	20.75	20.55	0.20	550.61	0.52	C2	EB	20.82	20.49	0.33	550.65	0.57
C3		16.44		0.00	551.01	3.81	C3		16.33		0.00	551.12	3.92
D1		19.35		0.00	551.71	0.86	D1		19.38		0.00	551.68	0.83
G3		22.75		0.00	548.61	10.31	G3		22.77		0.00	548.59	10.29
I1		18.95		0.00	548.18	11.65	I1		19.04		0.00	548.09	11.56
J2	B	17.89	17.88	0.01	548.61	10.51	J2	B	18.11	18.10	0.01	548.39	10.29



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May 8, 2002

Mr. Ken Theisen
USEPA/Region V
77 West Jackson Boulevard HSE-5J
Chicago, IL 60604

Subject: PROJECT STATUS REPORT
Sylvan Slough Removal Action Site
Rock Island, Illinois
Delta Project No. A097-130

Dear Mr. Theisen:

The following provides a project status update for the site referenced above.

Summary of Work Performed During April 2002

- Conducted site visit on April 3, 2002, to evaluate system performance.
- Observed river stage levels by modem to monitor system operation.
- Coordinated routine site visits by Enviromark to collect system operation data.

Gallons of Oil Recovered

The volume of product (1,204 gallons) recovered from mid-July 1997 through April 2002 is shown on the attached graph. As of the April monitoring event, approximately 15 gallons of product had been recovered in 2002.

Monthly Operation Summary, Problems Encountered, and Adjustments

The attached "Skimming Wells" table presents a summary of water levels, product thicknesses, and the status and type of skimming pump installed in the wells for the two most recent monitoring events. Ground water elevations are influenced by the water elevation of the river. Product collection appears to increase during decreasing or stable water elevations.

During the March 2002 visit, product was measurable in ten recovery wells. Product thicknesses and ground water/product elevations were generally consistent to the previous monitoring event.

The extraction system was shut down on March 11 due to increases in the river stage. The system was restarted on April 3 after adjusting the pump intake screen depths to intersect the product elevations. During the period the system was off, the air compressor was inspected and repaired.

A Member of:



Work Schedule for May 2002

- Continue monthly site visits to collect system operation and ground water monitoring data, adjust skimmer depths as needed, and perform system maintenance.

If you have any questions, please call me at (651) 697-5243 or e-mail me at dkrebs@deltaenv.com.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



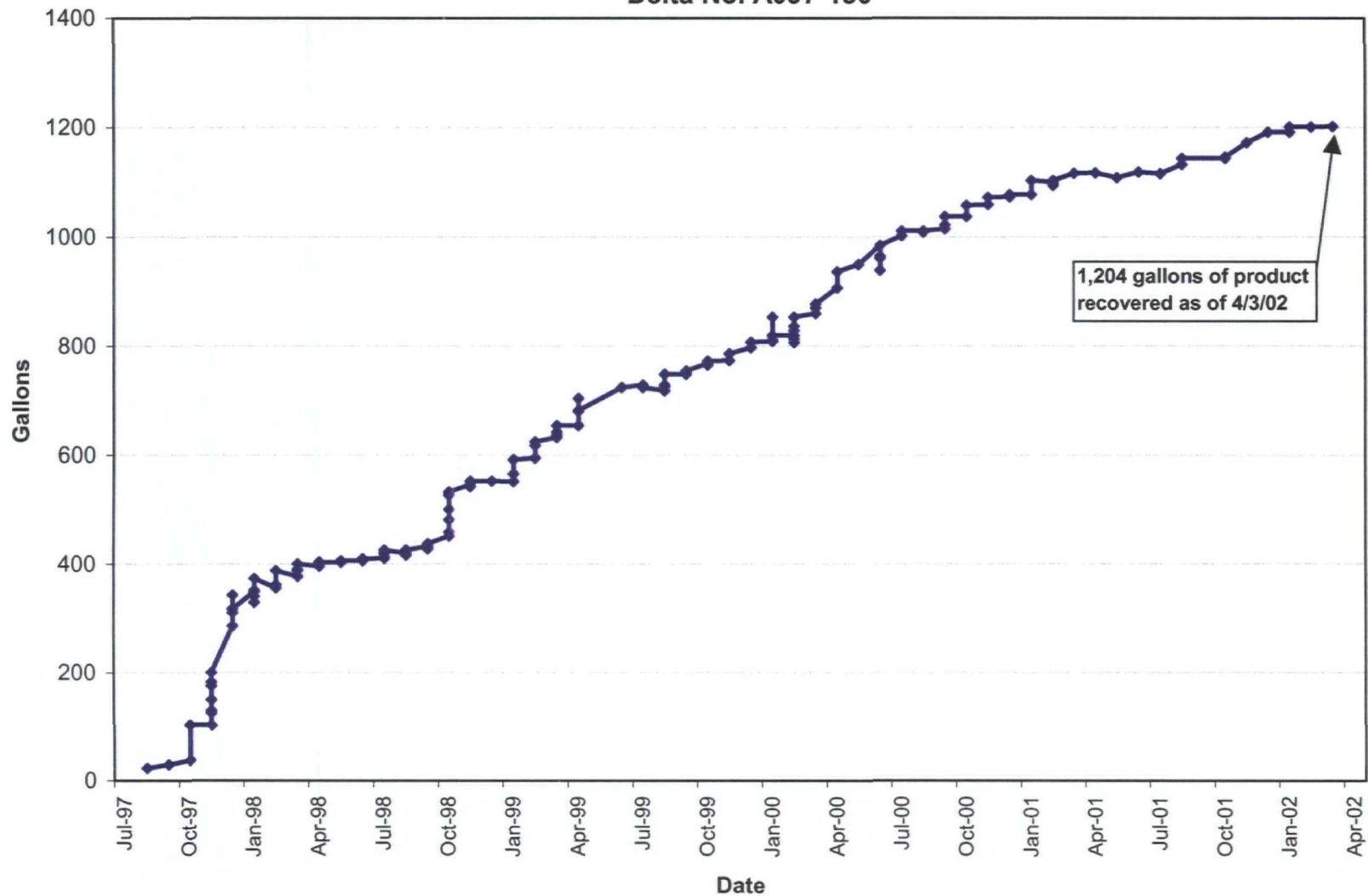
Dear A. Krebs, P.E.
Project Manager

DAK/mjw

Enclosure

cc: Mr. Gregory Jeffries – Burlington Northern Santa Fe
Mr. Jack Shih – Navistar International Transportation Corp.
Mr. Doug Wilson – Maytag Corporation

**Cumulative Product Recovery Since mid-July 1997
Sylvan Slough Removal Action Site, Rock Island, Illinois
Delta No. A097-130**



PROD_GRAPH(2)

SKIMMING WELLS

3/5/2002

4/3/2002

Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)	Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)
GM22D		23.47		0.00	547.66	6.46	GM22D		21.10		0.00	550.03	8.83
GM23D		22.95		0.00	547.91	11.89	GM23D		20.66		0.00	550.20	14.18
GM24S	B	20.95	20.35	0.60	549.87	1.67	GM24S	B	20.02	19.99	0.03	550.30	2.11
GM24D	EB	24.15	23.55	0.60	547.69	5.48	GM24D	EB	21.10	21.05	0.05	550.25	8.04
GM25D		24.22		0.00	547.66	5.36	GM25D		21.70	21.60	0.10	550.27	7.97
GM28S		19.95		0.00	550.78	1.90	GM28S		18.48		0.00	552.25	3.37
GM28D		22.90		0.00	547.94	7.05	GM28D		20.60		0.00	550.24	9.35
GM29S	EB	20.18	19.38	0.80	551.68	2.54	GM29S	EB	19.22	19.03	0.19	552.11	2.97
GM31		23.42		0.00	547.87	9.82	GM31		21.04	21.03	0.01	550.26	12.21
GM32		19.03	19.02	0.01	547.89	11.88	GM32		16.76	16.75	0.01	550.16	14.15
RW4		23.19		0.00	547.76	9.56	RW4		20.80		0.00	550.15	11.95
RW5	T	23.07	23.06	0.01	547.99	9.49	RW5	T	20.84	20.74	0.10	550.30	11.80
RW6	T	23.19	23.14	0.05	547.80	8.60	RW6	T	21.05	20.83	0.22	550.09	10.89
RW7	T	23.62	23.47	0.15	547.46	9.56	RW7	T	20.90		0.00	550.05	12.15
C2	EB	20.82	20.49	0.33	550.65	0.57	C2	EB	20.20	20.05	0.15	551.11	1.03
C3		16.33		0.00	551.12	3.92	C3		15.88		0.00	551.57	4.37
D1		19.38		0.00	551.68	0.83	D1		18.92		0.00	552.14	1.29
G3		22.77		0.00	548.59	10.29	G3		20.59		0.00	550.77	12.47
I1		19.04		0.00	548.09	11.56	I1		16.77		0.00	550.36	13.83
J2	B	18.11	18.10	0.01	548.39	10.29	J2	B	16.28	16.20	0.08	550.28	12.18



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June 25, 2002

Mr. Ken Theisen
USEPA/Region V
77 West Jackson Boulevard HSE-5J
Chicago, IL 60604

Subject: PROJECT STATUS REPORT
Sylvan Slough Removal Action Site
Rock Island, Illinois
Delta Project No. A097-130

Dear Mr. Theisen:

The following provides a project status update for the site referenced above.

Summary of Work Performed During May 2002

- Conducted site visit on May 9, 2002, to evaluate system performance.
- Observed river stage levels by modem to monitor system operation.
- Conducted quarterly water level monitoring at available monitoring wells.
- Coordinated routine site visits by Enviromark to collect system operation data.

Gallons of Oil Recovered

The volume of product (1,205 gallons) recovered from mid-July 1997 through May 2002 is shown on the attached graph. As of May 23, 2002, approximately 15 gallons of product had been recovered in 2002.

Monthly Operation Summary, Problems Encountered, and Adjustments

The attached "Skimming Wells" table presents a summary of water levels, product thicknesses, and the status and type of skimming pump installed in the wells for the two most recent monitoring events. Recovery wells at which product was measured are shaded.

The extraction system was shut down on April 11 due to significant increases in the river stage. The system was restarted on May 9 after adjusting the pump intake screen depths to intersect the product elevations.

During the May 2002 visit, product was measurable in seven recovery wells. Product thicknesses and ground water/product elevations were generally consistent to the previous monitoring event.

The product recovery rate has declined significantly over the past year to approximately 1 gallon per month. Recovery well product thicknesses have generally declined over the past year. Monitoring well product thicknesses have generally remained consistent throughout the quarterly measurement events.

A Member of:



Product has not been present at thicknesses greater than 0.1 foot in recovery wells RW-I1 or GM-32 (near the river edge) since October 2001. A product absorbent sock was placed in RW-I1 in April 2002. A product sheen has not been observed in 2002 on the riverbank adjacent to the study area as in previous years. It is likely that the system, although recovering less product, is still preventing its flow downgradient toward the river. Additional product level measurements throughout the next several months will allow for continued evaluation of the system effectiveness and potential improvements.

Work Schedule for June 2002

- Continue monthly site visits to collect system operation and ground water monitoring data, adjust skimmer depths as needed, and perform system maintenance.
- Continually evaluate ways to improve system performance and product recovery.

If you have any questions, please call me at (651) 697-5243 or e-mail me at dkrebs@deltaenv.com.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



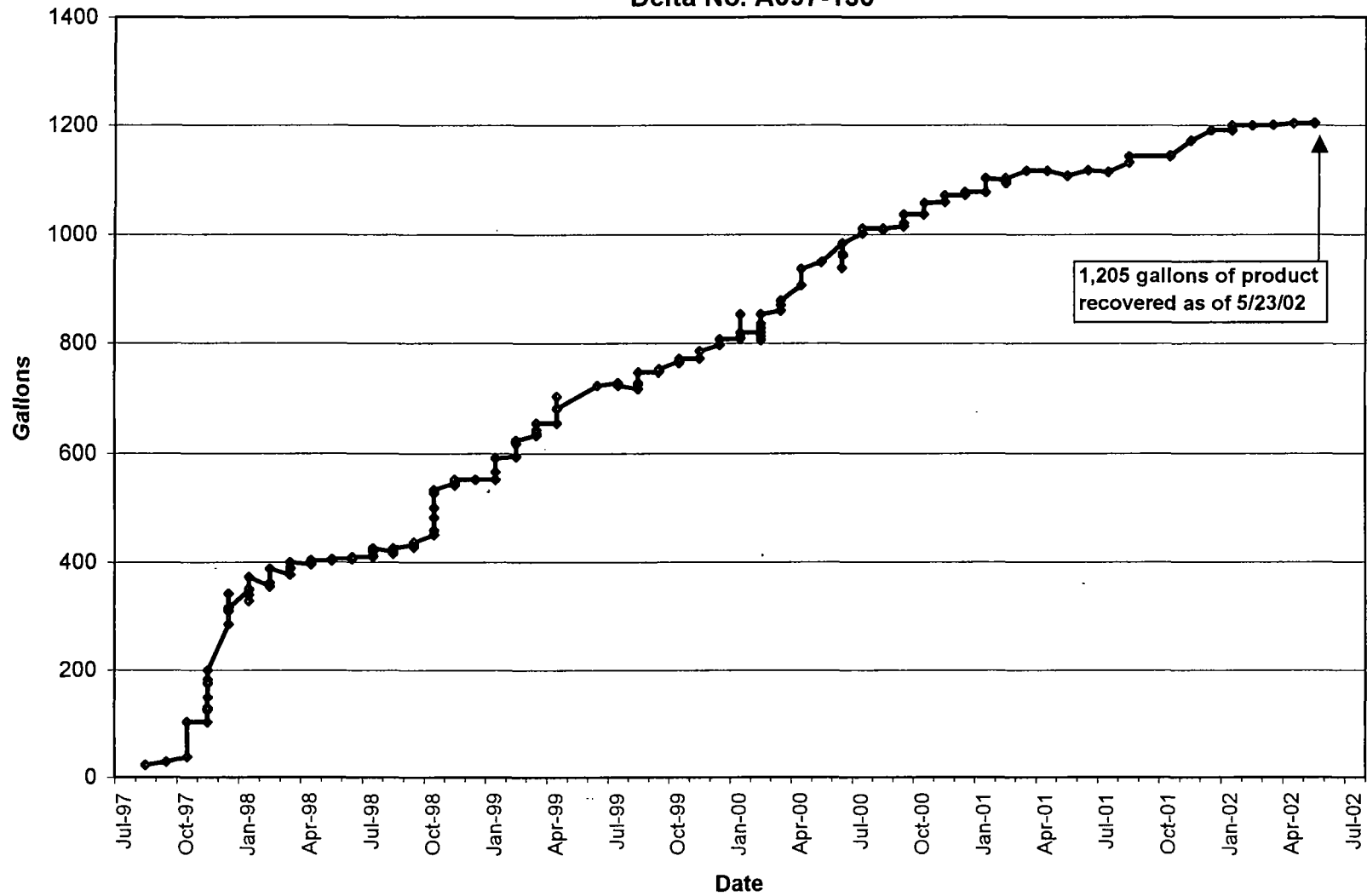
Dean A. Krebs, P.E.
Project Manager

DAK/mjw

Enclosure

cc: Mr. Gregory Jeffries – Burlington Northern Santa Fe
Mr. Jack Shih – Navistar International Transportation Corp.
Mr. Doug Wilson – Maytag Corporation

Cumulative Product Recovery Since mid-July 1997
Sylvan Slough Removal Action Site, Rock Island, Illinois
Delta No. A097-130



SKIMMING WELLS

4/3/2002

5/9/2002

Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)	Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)
GM22D		21.10		0.00	550.03	8.83	GM22D		17.40		0.00	553.73	12.53
GM23D		20.66		0.00	550.20	14.18	GM23D		16.77		0.00	554.09	18.07
GM24S	B	20.02	19.99	0.03	550.30	2.11	GM24S		16.35		0.00	553.94	5.75
GM24D	EB	21.10	21.05	0.05	550.25	8.04	GM24D	EB	17.42	17.29	0.13	554.00	11.79
GM25D		21.70	21.60	0.10	550.27	7.97	GM25D		18.15	18.05	0.10	553.82	11.52
GM28S		18.48		0.00	552.25	3.37	GM28S		15.65		0.00	555.08	6.20
GM28D		20.60		0.00	550.24	9.35	GM28D		16.75		0.00	554.09	13.20
GM29S	EB	19.22	19.03	0.19	552.11	2.97	GM29S		16.27		0.00	554.89	5.75
GM31		21.04	21.03	0.01	550.26	12.21	GM31		17.14		0.00	554.15	16.10
GM32		16.76	16.75	0.01	550.16	14.15	GM32		12.87		0.00	554.04	18.03
RW4		20.80		0.00	550.15	11.95	RW4		16.94		0.00	554.01	15.81
RW5	T	20.84	20.74	0.10	550.30	11.80	RW5	T	17.50	16.78	0.72	554.18	15.68
RW6	T	21.05	20.83	0.22	550.09	10.89	RW6	T	17.17	16.97	0.20	553.96	14.76
RW7	T	20.90		0.00	550.05	12.15	RW7	T	17.25	17.20	0.05	553.74	15.84
C2	EB	20.20	20.05	0.15	551.11	1.03	C2	EB	16.54	16.48	0.06	554.69	4.61
C3		15.88		0.00	551.57	4.37	C3		12.05		0.00	555.40	8.20
D1		18.92		0.00	552.14	1.29	D1		16.00		0.00	555.06	4.21
G3		20.59		0.00	550.77	12.47	G3		17.25		0.00	554.11	15.81
I1		16.77		0.00	550.36	13.83	I1		12.90		0.00	554.23	17.70
J2	B	16.28	16.20	0.08	550.28	12.18	J2	B	12.58	12.41	0.17	554.06	15.96



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5910 Rice Creek Parkway Suite 100
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June 28, 2002

Mr. Ken Theisen
USEPA/Region V
77 West Jackson Boulevard HSE-5J
Chicago, IL 60604

Subject: PROJECT STATUS REPORT
Sylvan Slough Removal Action Site
Rock Island, Illinois
Delta Project No. A097-130

Dear Mr. Theisen:

The following provides a project status update for the site referenced above.

Summary of Work Performed During June 2002

- Conducted a site visit on June 12, 2002, to evaluate system performance.
- Observed river stage levels by modem to monitor system operation.
- Coordinated routine site visits by Enviromark to collect system operation data.

Gallons of Oil Recovered

The volume of product (1,205 gallons) recovered from mid-July 1997 through June 2002 is shown on the attached graph. As of June 12, 2002, approximately 15 gallons of product had been recovered in 2002.

Monthly Operation Summary, Problems Encountered, and Adjustments

The attached "Skimming Wells" table presents a summary of water levels, product thicknesses, and the status and type of skimming pump installed in the wells for the two most recent monitoring events. Recovery wells at which product was measured are shaded.

The extraction system was shut down on May 23 due to filling of the product/water recovery tank. The system was restarted on June 12 after emptying the tank and adjusting the pump intake screen depths to intersect the product elevations.

During the June 2002 visit, product was measurable in eight recovery wells. Product thicknesses and ground water/product elevations were generally similar to the previous monitoring event.

The product recovery rate has declined significantly over the past year to approximately 1 gallon per month. Due to the system being off for the first half of June, a negligible volume of product was recovered during this reporting period. Recovery well product thicknesses have generally declined over the past year as well.

A Member of:



Work Schedule for July 2002

- Continue monthly site visits to collect system operation and ground water monitoring data, adjust skimmer depths as needed, and perform system maintenance.
- Continually evaluate ways to improve system performance and product recovery.

If you have any questions, please call me at (651) 697-5243 or e-mail me at dkrebs@deltaenv.com.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



Dean A. Krebs, P.E.
Project Manager

DAK/mjw

Enclosure

cc: Mr. Gregory Jeffries – Burlington Northern Santa Fe
Mr. Jack Shih – Navistar International Transportation Corp.
Mr. Doug Wilson – Maytag Corporation

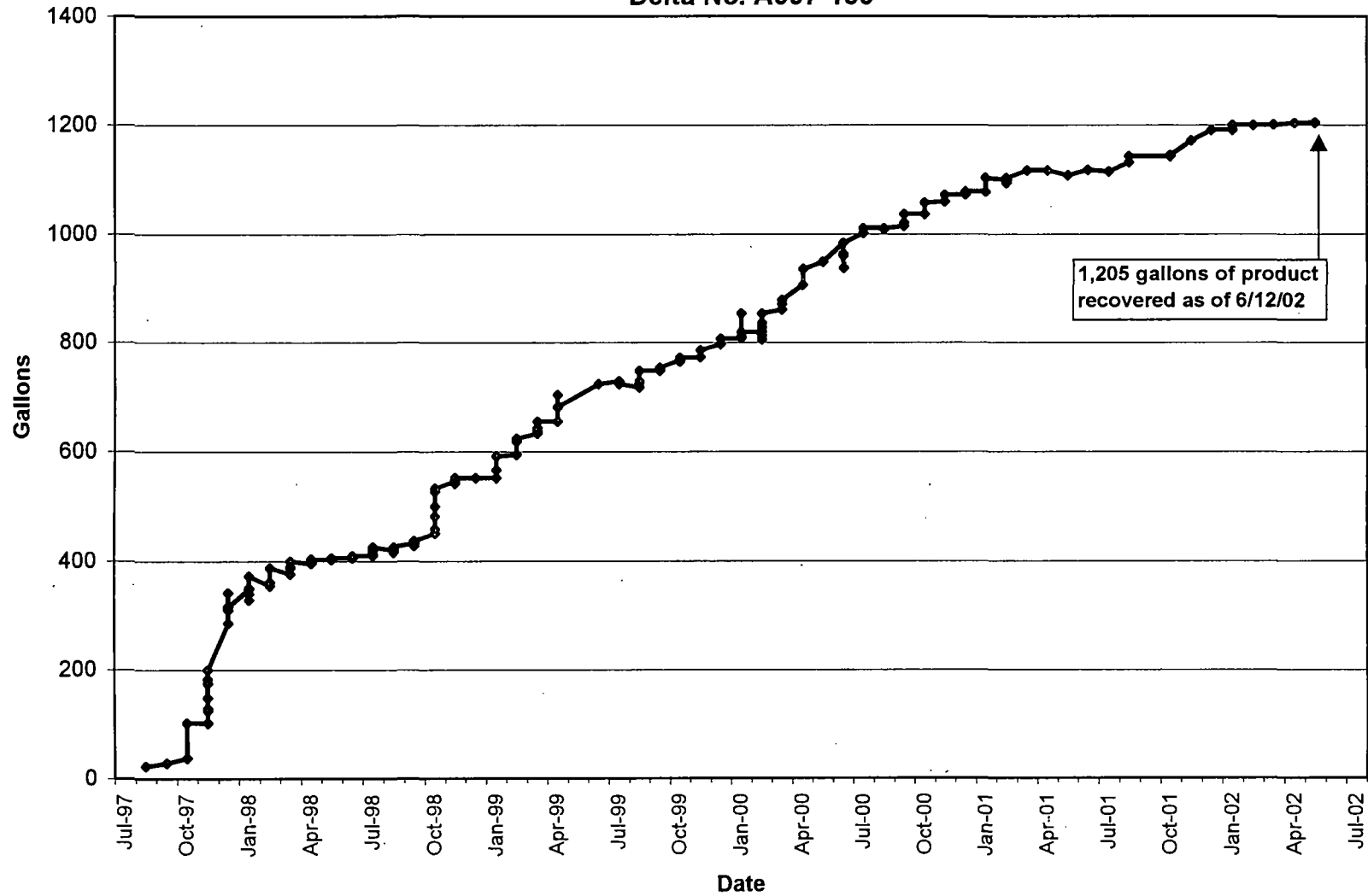
SKIMMING WELLS

5/9/2002

6/12/2002

Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)	Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)
GM22D		17.40		0.00	553.73	12.53	GM22D		16.46		0.00	554.67	13.47
GM23D		16.77		0.00	554.09	18.07	GM23D		16.05		0.00	554.81	18.79
GM24S		16.35		0.00	553.94	5.75	GM24S		15.45		0.00	554.84	6.65
GM24D	EB	17.42	17.29	0.13	554.00	11.79	GM24D		16.48		0.00	554.83	12.62
GM25D		18.15	18.05	0.10	553.82	11.52	GM25D		17.71	17.66	0.05	554.21	11.91
GM28S		15.65		0.00	555.08	6.20	GM28S		14.50		0.00	556.23	7.35
GM28D		16.75		0.00	554.09	13.20	GM28D		15.90		0.00	554.94	14.05
GM29S		16.27		0.00	554.89	5.75	GM29S		15.15		0.00	556.01	6.87
GM31		17.14		0.00	554.15	16.10	GM31		16.60	16.32	0.28	554.94	16.89
GM32		12.87		0.00	554.04	18.03	GM32		12.13		0.00	554.78	18.77
RW4		16.94		0.00	554.01	15.81	RW4		16.13		0.00	554.82	16.62
RW5	T	17.50	16.78	0.72	554.18	15.68	RW5	T	16.77	16.00	0.77	554.95	16.45
RW6	T	17.17	16.97	0.20	553.96	14.76	RW6	T	16.43	16.22	0.21	554.70	15.50
RW7	T	17.25	17.20	0.05	553.74	15.84	RW7	T	16.58	16.51	0.07	554.43	16.53
C2	EB	16.54	16.48	0.06	554.69	4.61	C2	EB	15.63	15.62	0.01	555.56	5.48
C3		12.05		0.00	555.40	8.20	C3		10.49	10.47	0.02	556.98	9.78
D1		16.00		0.00	555.06	4.21	D1		14.76		0.00	556.30	5.45
G3		17.25		0.00	554.11	15.81	G3		16.21		0.00	555.15	16.85
I1		12.90		0.00	554.23	17.70	I1		12.14		0.00	554.99	18.46
J2	B	12.58	12.41	0.17	554.06	15.96	J2	B	11.78	11.23	0.55	555.19	17.09

Cumulative Product Recovery Since mid-July 1997
Sylvan Slough Removal Action Site, Rock Island, Illinois
Delta No. A097-130



PROD_GRAPH(2)



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July 18, 2002

Mr. Ken Theisen
USEPA/Region V
77 West Jackson Boulevard HSE-5J
Chicago, IL 60604

Subject: PROJECT STATUS REPORT
Sylvan Slough Removal Action Site
Rock Island, Illinois
Delta Project No. A097-130

Dear Mr. Theisen:

The following provides a project status update for the site referenced above.

Summary of Work Performed During July 2002

- Conducted a site visit on July 16, 2002, to evaluate system performance.
- Observed river stage levels by modem to monitor system operation.
- Coordinated routine site visits by Enviromark to collect system operation data.

Gallons of Oil Recovered

The volume of product (1,205 gallons) recovered from mid-July 1997 through July 2002 is shown on the attached graph. As of July 16, 2002, approximately 15 gallons of product had been recovered in 2002.

Monthly Operation Summary, Problems Encountered, and Adjustments

The attached "Skimming Wells" table presents a summary of water levels, product thicknesses, and the status and type of skimming pump installed in the wells for the two most recent monitoring events. Recovery wells at which product was measured are shaded.

The extraction system was shut down on June 27 due to filling of the product/water recovery tank. The system was restarted on July 16 after emptying the tank and adjusting the pump intake screen depths to intersect the product elevations.

During the July 2002 visit, product was measurable in nine recovery wells. Product thicknesses were generally similar to the previous monitoring event. Ground water/product elevations declined in correlation with a drop in the river stage over the past month.

Due to the system being off for the first half of July, a negligible volume of product was recovered during this reporting period. As discussed in previous status reports, the product recovery rate has declined significantly over the past year to approximately 1 gallon per month.

A Member of:



Work Scheduled for August 2002

- Continue monthly site visits to collect system operation and ground water monitoring data, adjust skimmer depths as needed, and perform system maintenance.
- Pending approval, conduct Enhanced Fluid Recovery Technology (EFRT) tests as discussed in Delta's *Enhanced Product Recovery Work Plan* to evaluate the potential for alternative methods to accelerate reduction in product levels throughout the site.

If you have any questions, please call me at (651) 697-5243 or e-mail me at dkrebs@deltaenv.com.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.



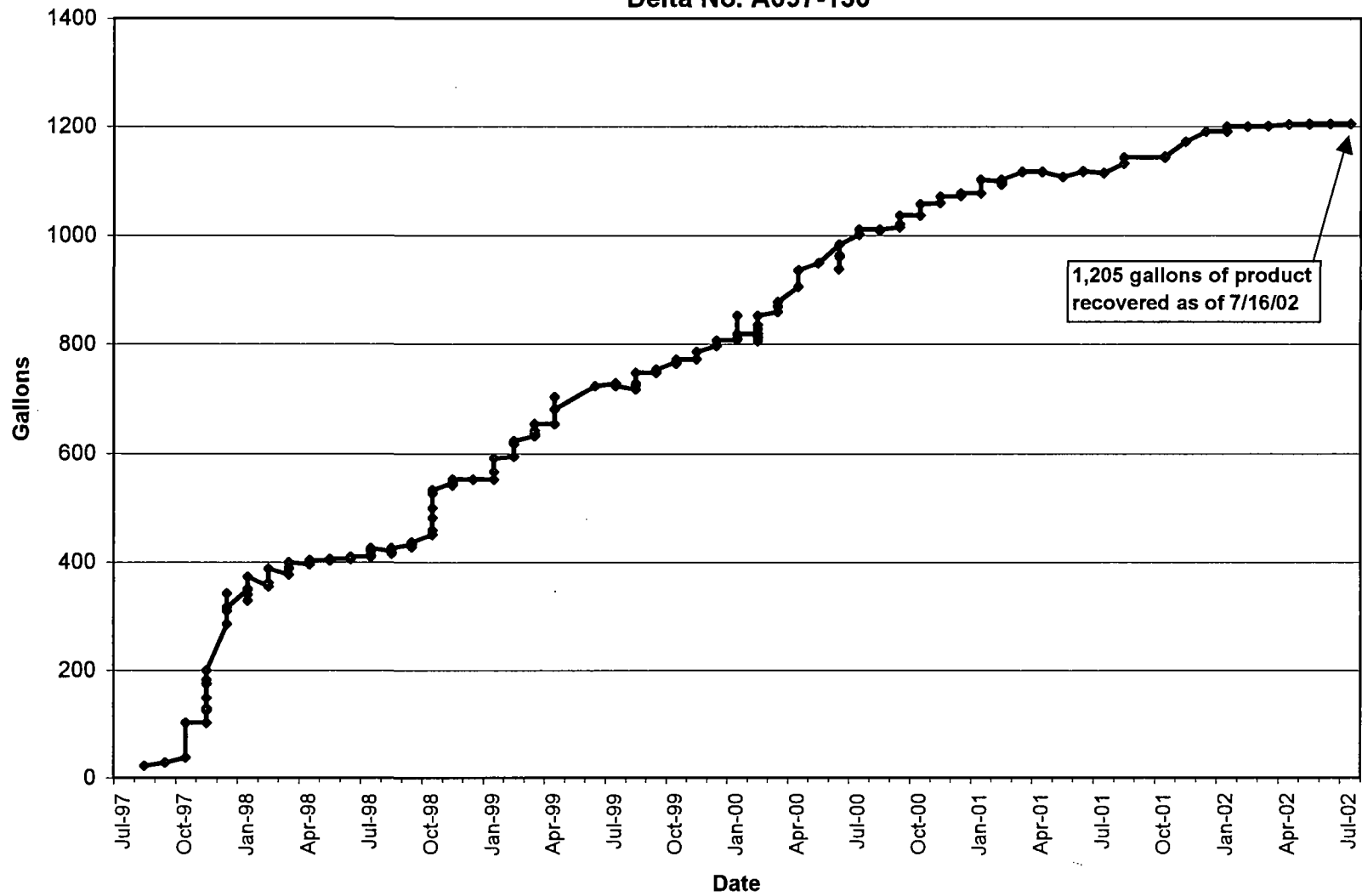
Dean A. Krebs, P.E.
Project Manager

DAK/mjw

Enclosure

cc: Mr. Gregory Jeffries – Burlington Northern Santa Fe
Mr. Jack Shih – Navistar International Transportation Corp.
Mr. Doug Wilson – Maytag Corporation

Cumulative Product Recovery Since mid-July 1997
Sylvan Slough Removal Action Site, Rock Island, Illinois
Delta No. A097-130



PROD_GRAPH(2)

SKIMMING WELLS

6/12/2002							7/16/2002						
Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)	Well No.	T/B	TOC Depth to Water (ft)	TOC Depth to Product (ft)	Product Thick- ness (ft)	Corrected Water Elevation (ft)	Fluid in Well (ft)
GM22D		16.46		0.00	554.67	13.47	GM22D		20.44		0.00	550.69	9.49
GM23D		16.05		0.00	554.81	18.79	GM23D		20.19		0.00	550.67	14.65
GM24S		15.45		0.00	554.84	6.65	GM24S	EB	18.05	17.65	0.40	552.59	4.40
GM24D		16.48		0.00	554.83	12.62	GM24D	EB	21.74	20.38	1.36	550.76	8.55
GM25D		17.71	17.66	0.05	554.21	11.91	GM25D		21.41		0.00	550.47	8.17
GM28S		14.50		0.00	556.23	7.35	GM28S		15.88		0.00	554.85	5.97
GM28D		15.90		0.00	554.94	14.05	GM28D		19.89		0.00	550.95	10.06
GM29S		15.15		0.00	556.01	6.87	GM29S		16.75		0.00	554.41	5.27
GM31		16.60	16.32	0.28	554.94	16.89	GM31		20.62	20.38	0.24	550.88	12.83
GM32		12.13		0.00	554.78	18.77	GM32		16.34		0.00	550.57	14.56
RW4		16.13		0.00	554.82	16.62	RW4		20.18		0.00	550.77	12.57
RW5	T	16.77	16.00	0.77	554.95	16.45	RW5	T	20.61	20.50	0.11	550.54	12.04
RW6	T	16.43	16.22	0.21	554.70	15.50	RW6	T	20.42	20.21	0.21	550.71	11.51
RW7	T	16.58	16.51	0.07	554.43	16.53	RW7	T	20.52	20.42	0.10	550.52	12.62
C2	EB	15.63	15.62	0.01	555.56	5.48	C2	EB	17.71	17.65	0.06	553.52	3.44
C3		10.49	10.47	0.02	556.98	9.78	C3		12.96	12.85	0.11	554.59	7.39
D1		14.76		0.00	556.30	5.45	D1		16.32		0.00	554.74	3.89
G3		16.21		0.00	555.15	16.85	G3		19.33		0.00	552.03	13.73
I1		12.14		0.00	554.99	18.46	I1		16.56		0.00	550.57	14.04
J2	B	11.78	11.23	0.55	555.19	17.09	J2	B	15.66	14.77	0.89	551.61	13.51